Data Sheet

AMILO Notebook Pi 3525
The perfect all-round notebook

The AMILO Notebook P series combines versatile performance, great technology and a fascinating design.

Model: Reveal white

Processor technology
- Latest Intel® Centrino® 2 processor technology (optional) and Intel® Core™ 2 Duo processor for high-definition digital entertainment experience, blistering performance, longer-lasting battery life and the new wireless standard for connectivity

Operating System
- Windows Vista® Home Premium

Mobility
- Standard 15.4-inch form-factor that fits in almost every bag
- Optional with integrated draft-n Intel® WiFi Link 5100 AGN to go online when and wherever you want

Entertainment and Multimedia
- The integrated AMILOcam with low-light technology for great video-quality even in low-light conditions and the built-in array microphone are perfect for Internet telephoning (VoIP) and video chats
- LCD WXGA display with BrilliantView technology for vivid colors, amazing sharpness and impressive contrast
- Enjoy your favorite Hollywood blockbuster on an external display via DVI-I (with HDCP support)

Model: Eclipse black

More convenience thanks to
- The spill-proof keyboard that protects your notebook against accidentally spilt liquids
- The silent mode function that causes a noticeable reduction in fan noise
- The built-in DVD drive to store and secure data comfortably on the move

Green IT

Fujitsu Siemens Computers recommends Windows Vista® Home Premium

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Operating system and Recovery	
Operating system	Genuine Windows Vista® Home Premium (32-bit version)
Fujitsu Siemens Computers Recovery Program	Backup and restore the original status of the hard disk and create system restore disks
	or individual recovery media on CD or DVD are included

Product design	
Color	Reveal white or eclipse black

Architecture	
System architecture	Intel® Centrino® 2 processor technology (optional)[1]
Chipset	Intel® GM45 + ICH9M
Processors[1]	
Intel® Core™2 Duo processors	P7350 (2.0 GHz, 1066MHz FSB, 3MB L2 cache)
	P8400 (2.26 GHz, 1066MHz FSB, 3MB L2 cache)
	P8600 (2.4 GHz, 1066MHz FSB, 3MB L2 cache)
	T5800 (2.0 GHz, 800 MHz FSB, 2 MB L2 cache)
	T6400 (2.0 GHz, 800 MHz FSB, 2 MB L2 cache)
Intel® Pentium® Dual-Core	T3200 (2.0 GHz, 677 MHz FSB, 1MB L2 cache)

Memory	2 SO-DIMM memory slots (no memory on board)
Memory speed	800 MHz
Memory type	DDR 2 RAM
Memory modules	1024 or 2048 MB
Max. memory size[1,2]	4096 MB

Drives	
Hard disk drive	
HDD type	SATA
HDD size	2.5-inch
HDD speed	5400 rpm
HDD cache	8 MB
HDD capacity[1]	160, 250 or 320 GB
Optical disc drive (built-in)	
ODD type	SATA
ODD technology	SuperMulti-format DVD burner with double layer (DL) support
ODD read speed	CD-ROM 24x, DVD-ROM 8x
ODD write speed	CD-R 24x, CD-RW 16x, DVD+R 8x, DVD-R 8x, DVD+RW 8x, DVD-RW 6x, DVD+R DL (8.5 GB) 4x, DVD-R DL (8.5 GB) 4x, DVD-RAM 5x

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Display	
Display type	BrilliantView LCD
Display size	15.4-inch
Display resolution (intern)	1280 x 800 pixels
Display resolution (extern)	1920 x 1200 pixels
Resolution type	WXGA
Reaction time	16 ms
Brightness (typ.)	200 NIT
Contrast (typ.)	400 : 1
Compliance with standards	ISO 13406-2 class II

Graphics	
Dedicated graphics (full name)	-
Dedicated video memory	-
Onboard graphics chip	Mobile Intel® Graphics Media Accelerator 4500MHD
Shared video memory[3]	Up to 1292 MB shared memory[3]
3D Benchmark 2006	Up to 840 points[4] (depending on configuration)
Graphic features	■ DirectX® 10 support
	■ Supporting full HD video experience

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Interfaces	
Video	1x DVI-I (incl. HDCP support)
Audio	1x line in, 1x microphone in, 1x line out / headphone out combined with S/PDIF out
Network	1x LAN (RJ-45)

Data	1x eSATA combined with USB, 2x USB 2.0
	1x ExpressCard slot (54 / 34 mm)
	1x 15-in-1 card reader[5]
	    SD, miniSD, MicroSD, SDHC
	    MS, MS-Duo
	    MMC, RS-MMC, MMC-Micro
	    MSPRO, MS-PRO Duo, MS-Pro HG, MS-Pro HG Duo, M2
	    xD picture card

Power supply	1x DC-in

Communication	
Integrated Bluetooth®	-
LAN (Local Area Network)	10 / 100 Mbps
Built-in WLAN (Wireless Local Area Network)	Yes
WLAN brand name	Intel® WiFi Link 5100 AGN
WLAN type[1]	draft-n 802.11a/g/n
WLAN max. date rate	Up to 300 Mbps
WLAN encryption	WEP, WPA and WPA2
For use in	BE, CH, DK, DE, EE, FI, FR, EL, IE, IS, IT, LI, LV, LT, LU, MT, NL, NO, PL, AT, PT, SE, SK, ES, CZ, HU, UK, CY
Option[1]	
WLAN type	802.11b/g
WLAN max. date rate	Up to 54 Mbps
WLAN encryption	WEP, WPA and WPA2
For use in	BE, CH, DK, DE, EE, FI, FR, EL, IE, IS, IT, LI, LV, LT, LU, MT, NL, NO, PL, AT, PT, SE, SK, ES, CZ, HU, UK, CY

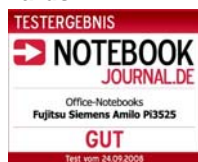| **Multimedia**	
Audio	Support of HD audio for S/PDIF output with up to 7.1 channels
Audio chip	Realtek ALC662
Speakers	2x built-in speakers (1.5 W each)
Microphone	Built-in array microphone
Subwoofer	-
Input device	Volume control via function key combination
AMILOcam	
Image sensor	VGA webcam
Frames per second	30[6]
Features	■ Auto focus ■ Automatic brightness adjustment with status LED (blue: on, red: streaming / application on) ■ Low-light technology for great video-quality even in dark surrounding

Input devices / Control buttons	
Power button	Located left of the keyboard, black-lighted
Keyboard	Spill-proof keyboard with 85 keys
Touchpad	Hidden touchpad, with left and right mouse button, touchpad disable function via function key combination (Fn+F6)
Multimedia keys	Located on top of the keyboard to launch the following applications: ■ Silent mode (reduce noise level / fan speed, by reducing the CPU performance, office applications, Internet and DVD playback are not affected) ■ DVD playback ■ Internet browser

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Hot keys	The following hot keys or key combinations are available
	■ Fn+F1　　WLAN on / off
	■ Fn+F3　　Mute on / off
	■ Fn+F4　　Volume down
	■ Fn+F5　　Volume up
	■ Fn+F6　　Touchpad on / off
	■ Fn+F7　　AMILOcam on / off
	■ Fn+F8　　Brightness down
	■ Fn+F9　　Brightness up
	■ Fn+F10　　Display switch
	■ Fn+F11　　Silent mode
	■ Fn+F12　　Suspend

Status indicators	The notebook has 3 status icons:
	■ Power status (& suspend)
	Blue (always on): on; Blue blinking: stand by; None: off
	■ WLAN
	Blue: on; None: off
	■ Battery charge
	Blue (always on): full; Blue blinking: charging;
	Red blinking: < 10 % capacity

Security	
Supervisor and user password	Yes
Kensington lock	Yes
Lid switch (hidden)	Yes

ACPI functions	ACPI 3.0 compliant for Vista requirement
	■ Power on stand by (S1 LCD off)
	■ Stand by / energy saving mode (S3 save to RAM)
	■ Hibernate mode (S4 save to disk)
	■ Off mode (S5 soft off)

Power System
Battery[7]

Battery type[1]	Lithium-Ion battery
	6 cells, 10.8 V / 2200 mAh (cell) / 4400 mAh (pack) or
	6 cells, 11.1 V / 2400 mAh (cell) / 4800 mAh (pack)
Battery runtime (idle mode)[8]	Up to 3:45 hours
Battery runtime (DVD Playback)[9]	Up to 1:45 hours
Battery charging time (idle mode)[10]	Up to 1:40 hours (charging 90%)
Battery charging time (DVD playback)[11]	Up to 2:20 hours (charging 90%)
Battery charging time (off mode)	Up to 2:00 hours (charging 90%)

AC Adapter	Dynamic charge supported, ACPI 3.0 supported
Wide Range AC adapter	110 - 240 V AC, 50 - 60 Hz
Output	65 W with 20 V DC, 3.25 A

Energy consumption	
S0 (idle mode)	19 W
S0 (max. active mode)[12]	48.6 W
S3 (stand by / energy saving mode)	2.3 W
S4 (hibernate)	0.8 W
S5 (off mode)	0.7 W

Noise emission	
Idle mode[13]	19 dBA (silent mode off)
Maximum active mode[14]	28 dBA (silent mode off)

Operating conditions	
Operational	5 °C to 35 °C (ambient temperature)
	10 % to 90 % relative humidity, non-condensing

Dimensions and weight	
W x D x H	358 x 256 x 37.0 (front) / 41.0 (back) mm
Weight	2.9 kg[15]

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Certifications	GOST (WLAN) CE Marking R&TTE (WLAN)
Warranty	Country specific terms

Application Software

Home office	Microsoft® Works Microsoft® Office Home and Student Trial Adobe Reader Windows Mail (within Vista operating system) Windows Calendar (within Vista operating system)
Multimedia	Nero Essentials S (CD / DVD write software) Vista DVD Playback Pack (DVD playback software) Windows Media Player (within Vista operating system) Windows Media Center (within Windows Vista® Home Premium operating system)
Internet	Microsoft® Internet Explorer Country specific Internet provider
Security	Norman security software solution

Accessories

Included	AC adapter 65 W First Battery (6 cells battery)
Optional	Find out more: www.fujitsu-siemens.com
Manuals	Manual (on hard disk), quick start guide, safety guide, warranty guide, recovery guide
Drivers	Updates downloadable at http://www.fujitsu-siemens.com

Awards

Notebookjournal.de
Germany – 09/2008
"Good"

Connect
Germany – 11/2008
"Good"

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[1] Depending on exact configuration. Please check at your local retailer
[2] DISCLAIMER: Up to 1 GB may not be available with 32-bit operating systems due to system resource requirements if system is preinstalled with 4096 MB RAM
[3] Shared video memory size may vary depending on configuration. Used video memory size depends on Microsoft® Windows Vista® memory management
- 1024 MB system memory enables up to 268 MB static and shared memory
- 2048 MB system memory enables up to 779 MB static and shared memory
- 3072 MB system memory enables up to 1292 MB static and shared memory
- 4096 MB system memory enables up to 1292 MB static and shared memory
[4] Configuration for measurement: Intel® Core™2 Duo T9400 processor, 4 GB RAM, 250 GB HDD; display resolution: 1280 x 1024
[5] An adapter is needed for the following card formats: RS-MMC, MMC-Micro, miniSD, MicroSD, SDHC, MS-Duo, MS-PRO Duo, MS-Pro HG, MS-Pro HG Duo, M2
[6] AMILOcam frame rate can vary significantly depending on the used software application.
[7] DISCLAIMER: Battery life may vary depending on product model, configuration, applications, power management settings and features utilized. Recharge time varies depending on usage. The recharge capacity may decrease after some moths so that the battery lifetime as well as operating time can not be assured for the whole lifetime of the notebook
[8] Tested with Battery Mark 4.0.1 ("power saver mode")
[9] DVD playback tested with Vista DVD playback
[10] Tested with BatteryMon, V2.0 Build:1007
[11] DVD playback tested with Vista DVD playback
[12] Tested with 3DMark06
[13] Tested with idle mode (according to ISO 7779:2001 Nr. C.15.3.1) noise emission values according to ISO 9296 at operator position
[14] Tested with HDD stress test and CPU stress text at approx. 90 % CPU load, no ODD load, noise emission values according to ISO 9296 at operator position
[15] Weight may vary depending on actual configuration

The configuration described in this document is generic only and non-binding. For the exact configuration of your AMILO, please contact your licensed dealer.

Company stamp